

FIG. 1A

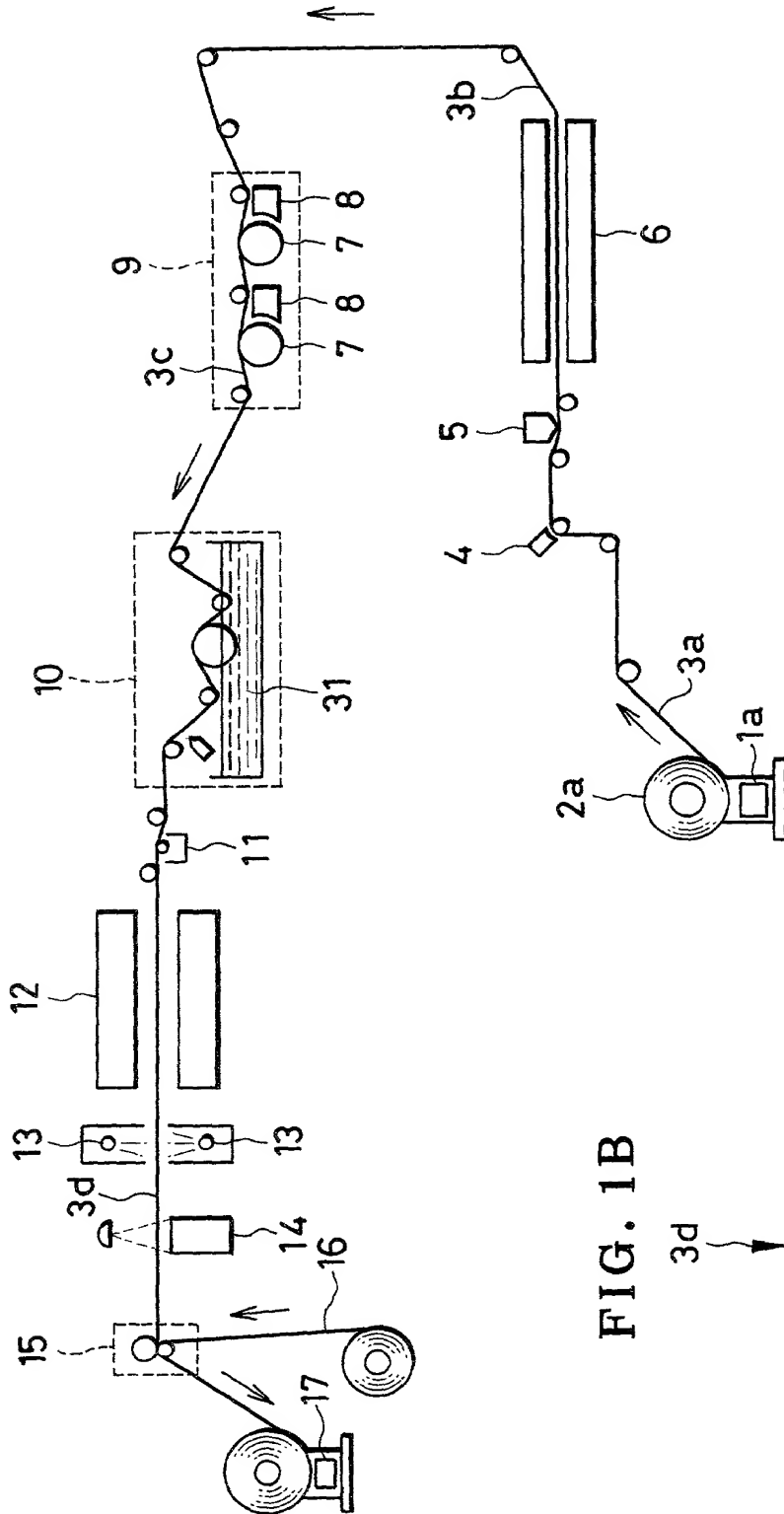


FIG. 1B

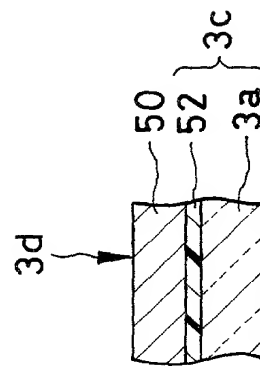


FIG. 2

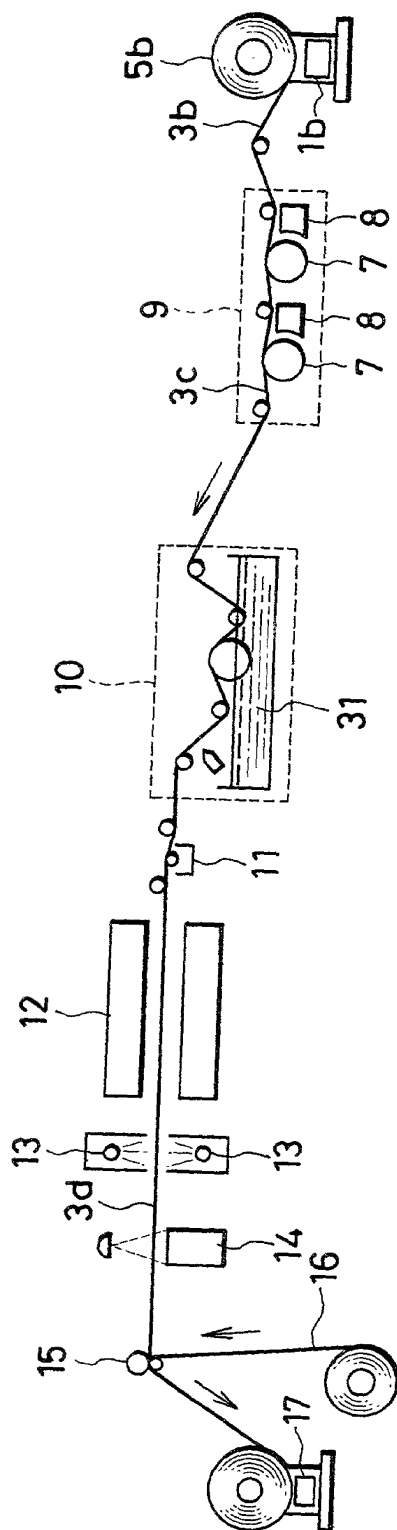


FIG. 3A

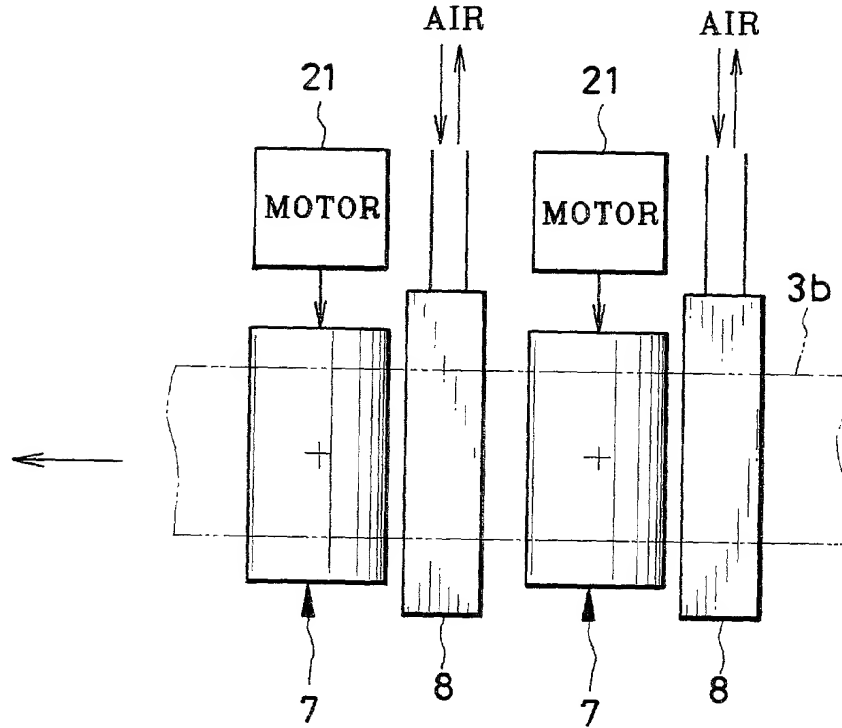
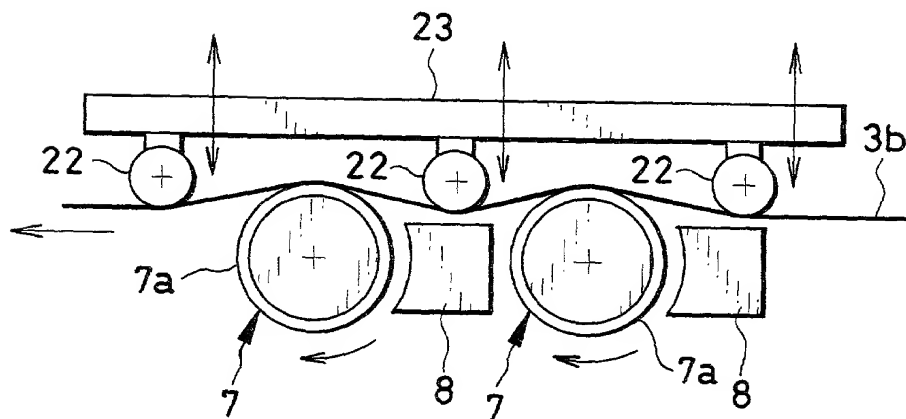


FIG. 3B



[illegible]

FIG. 5

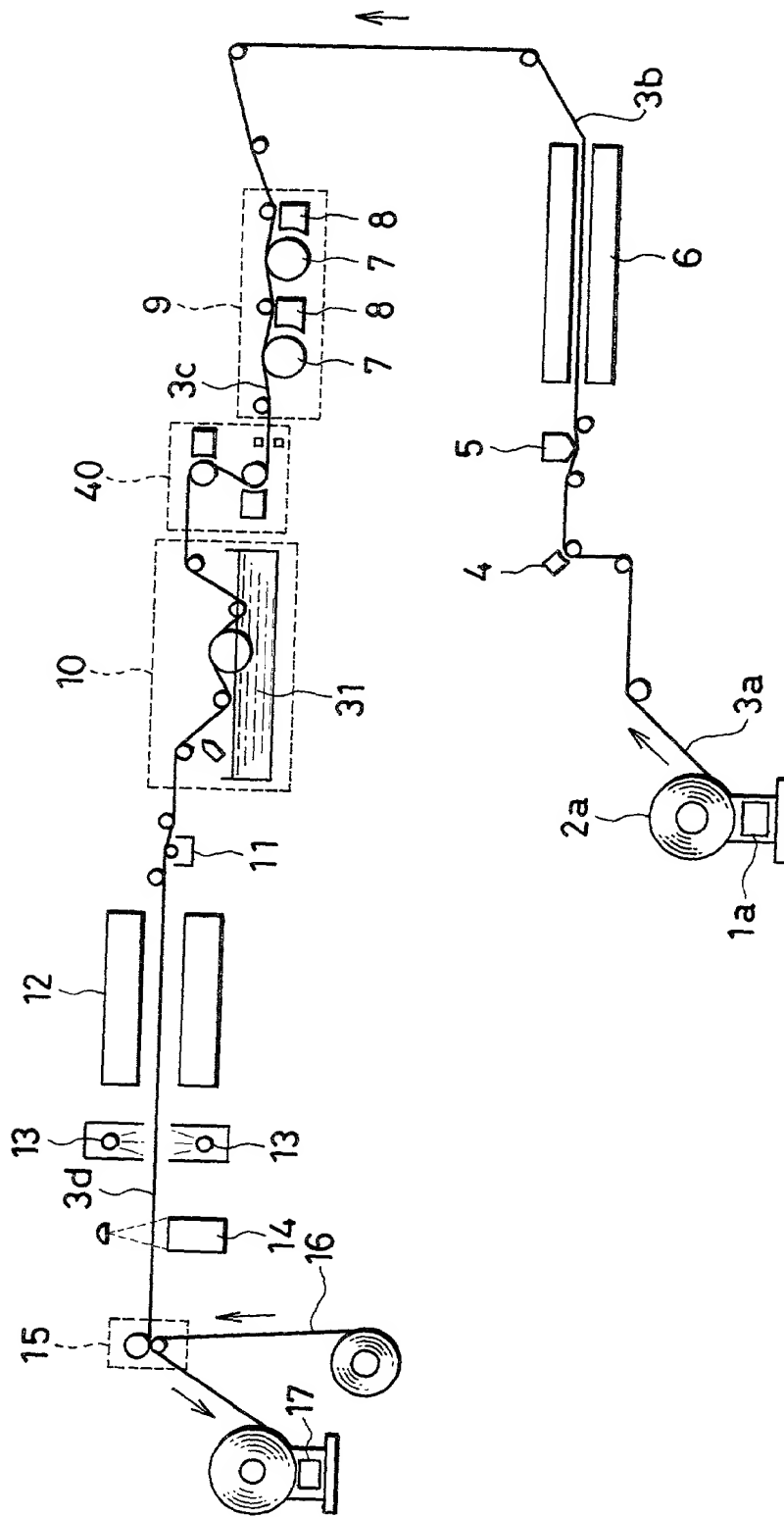


FIG. 6

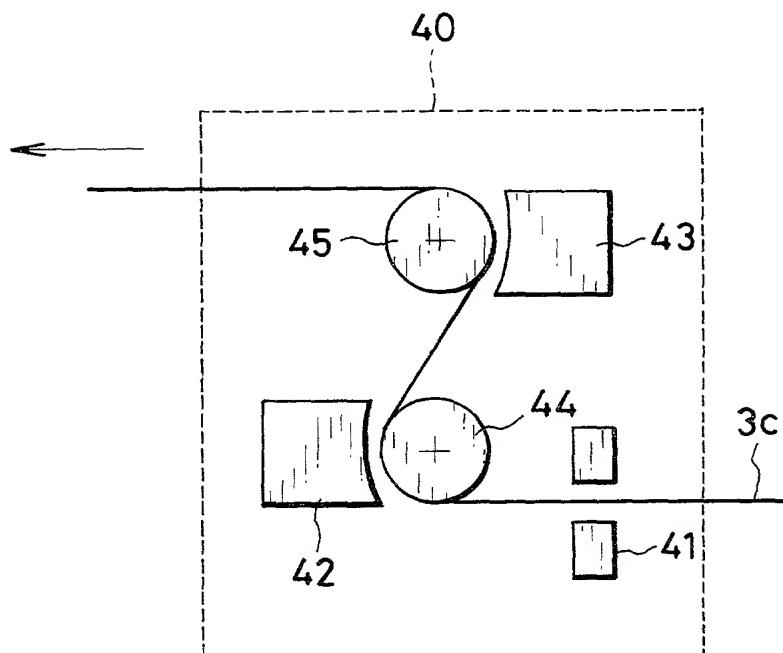


FIG. 7

ANIONIC POLYMER

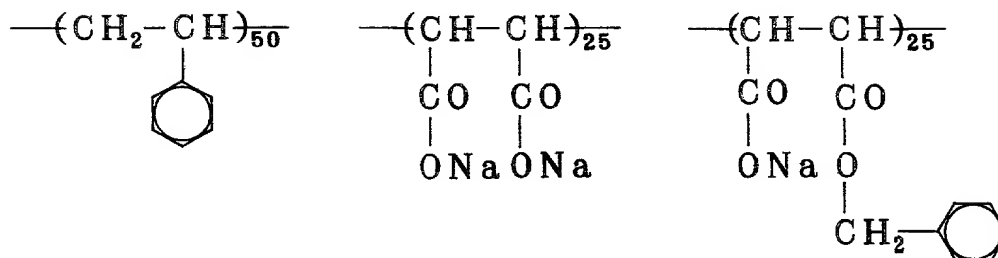


FIG. 8

ALKYL MODIFIED PVA

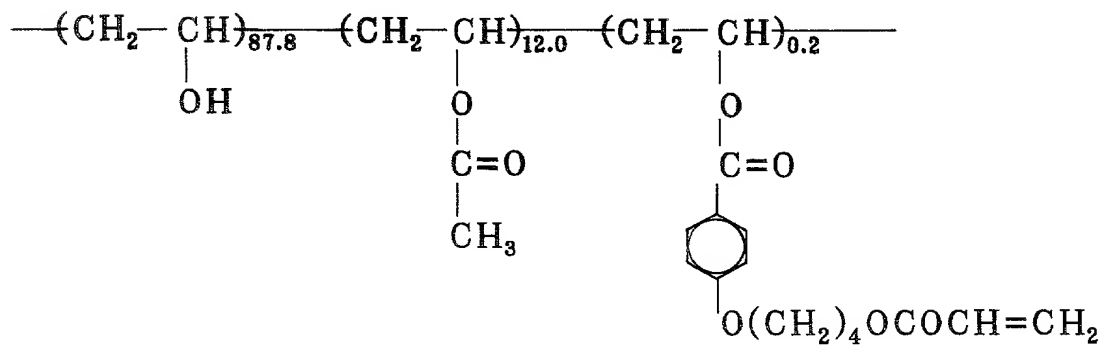


FIG. 9

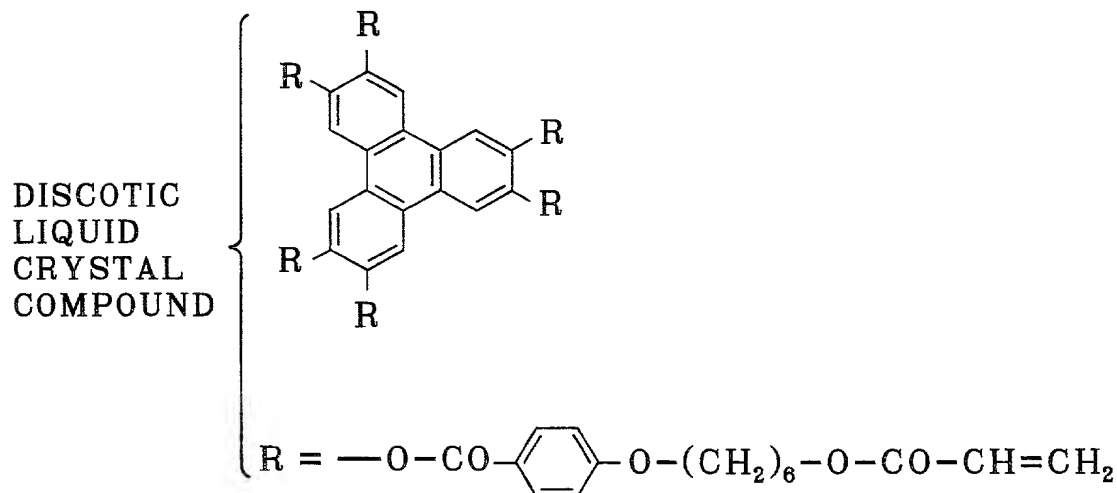


FIG. 10

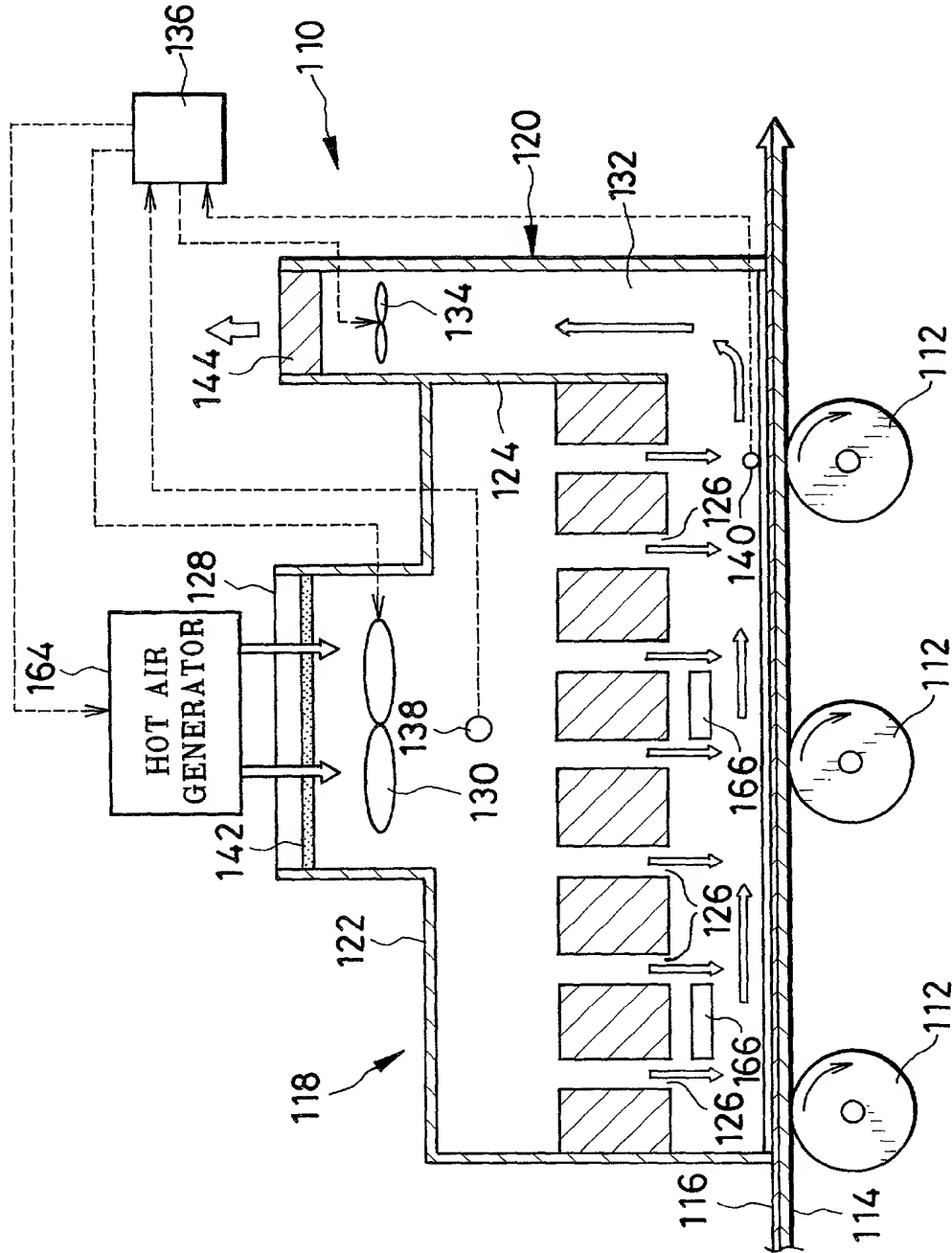


FIG. 11

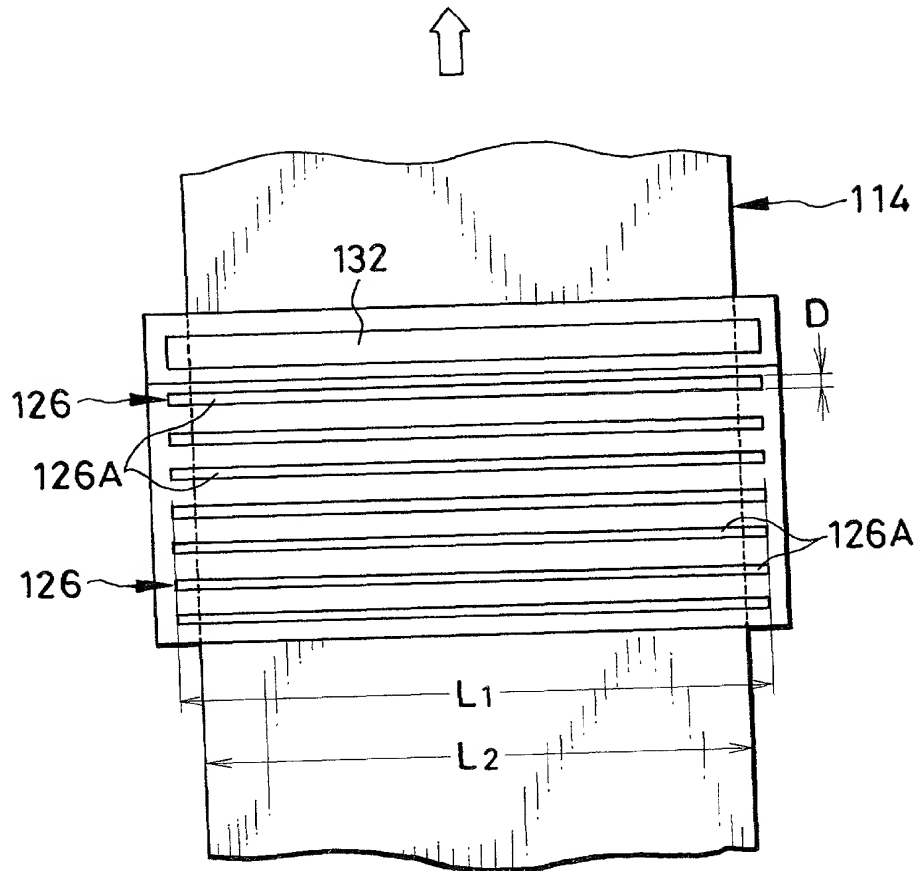


FIG. 12

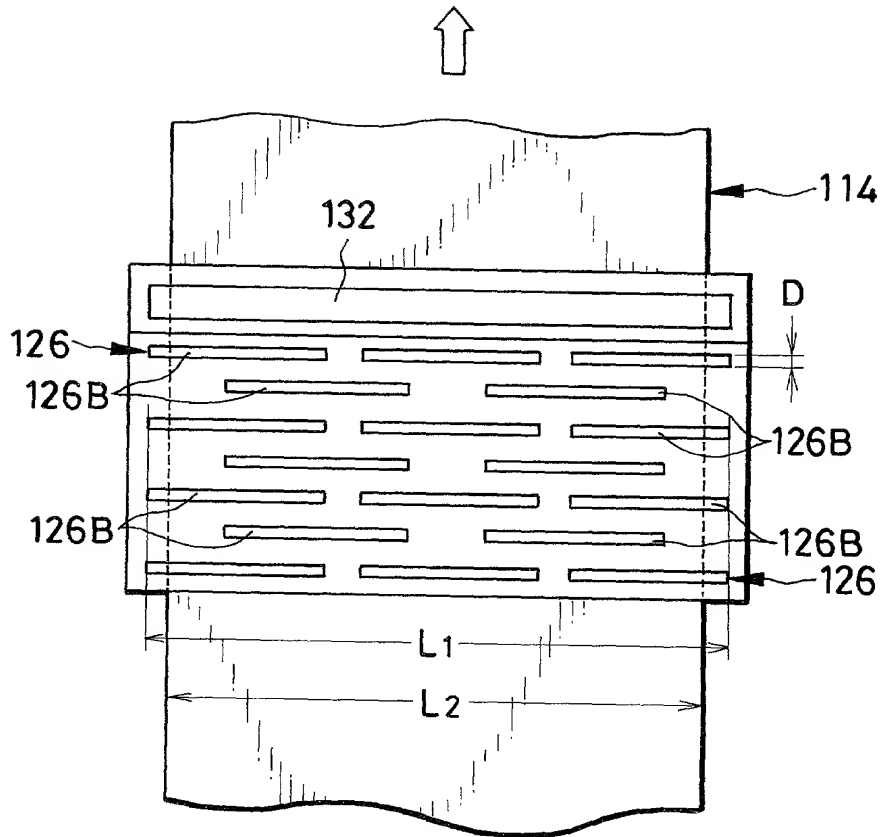


FIG. 13

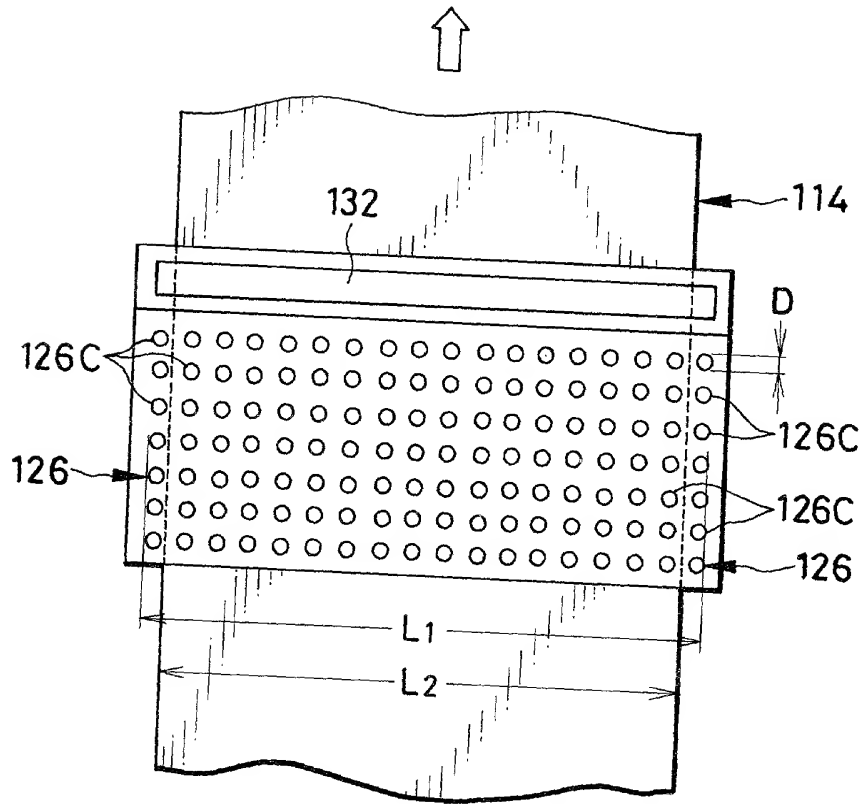


FIG. 14

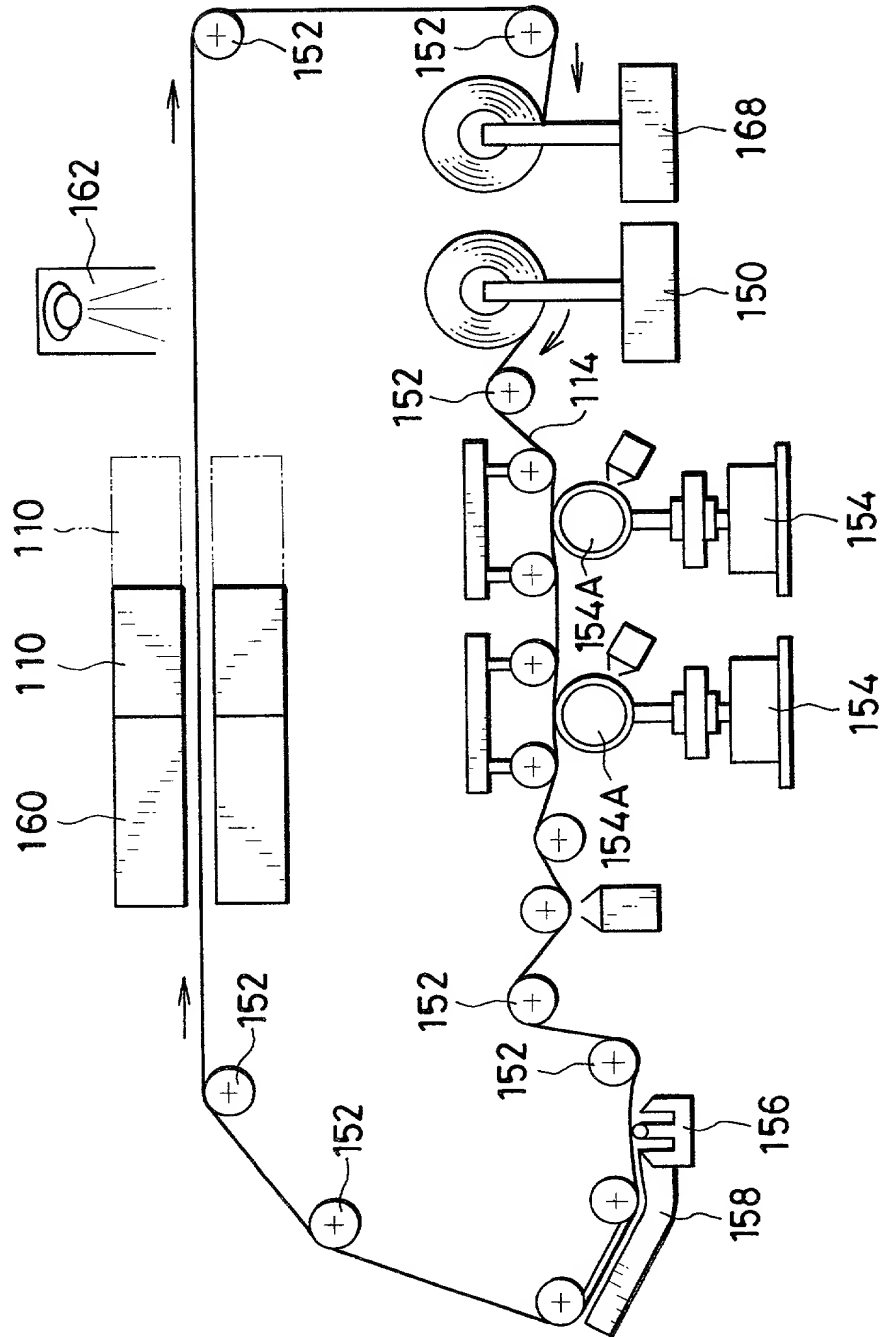


FIG. 15A

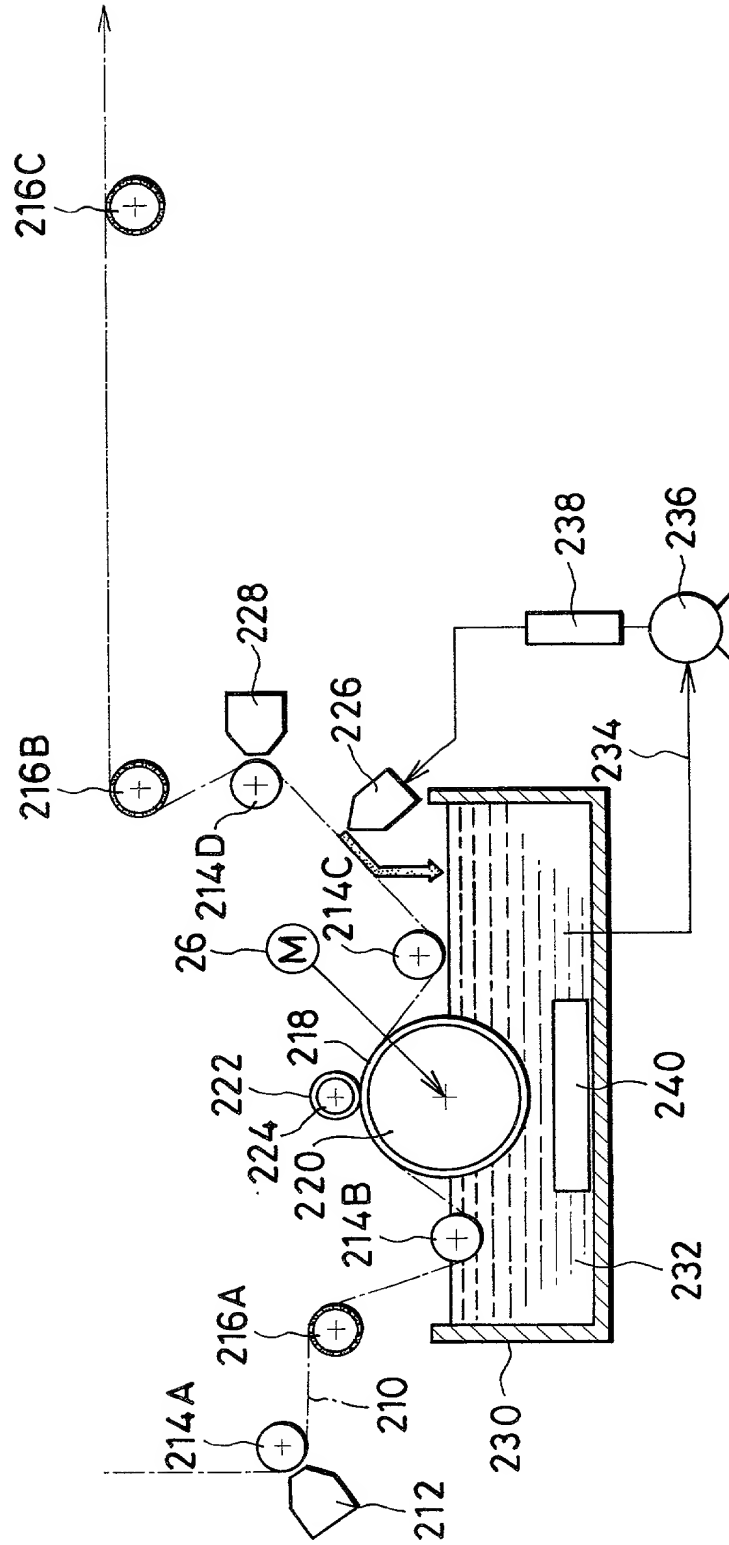


FIG. 15B

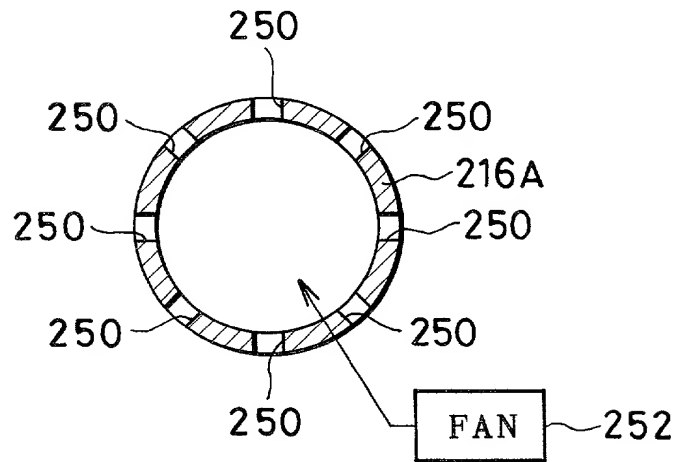


FIG. 15C

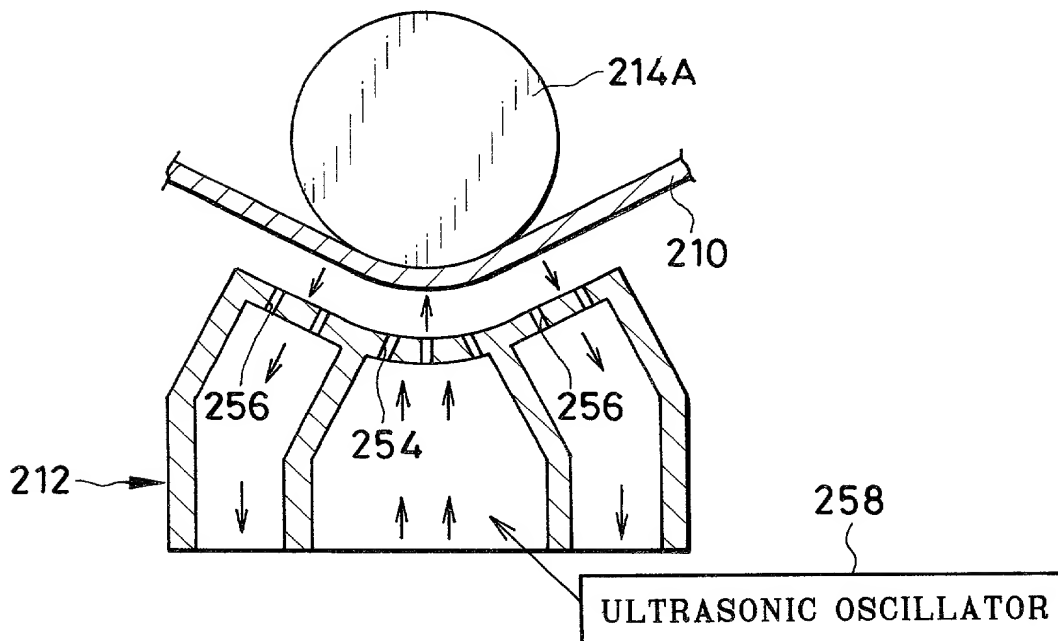


FIG. 15D

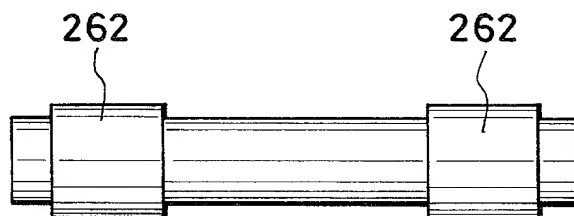


FIG. 16

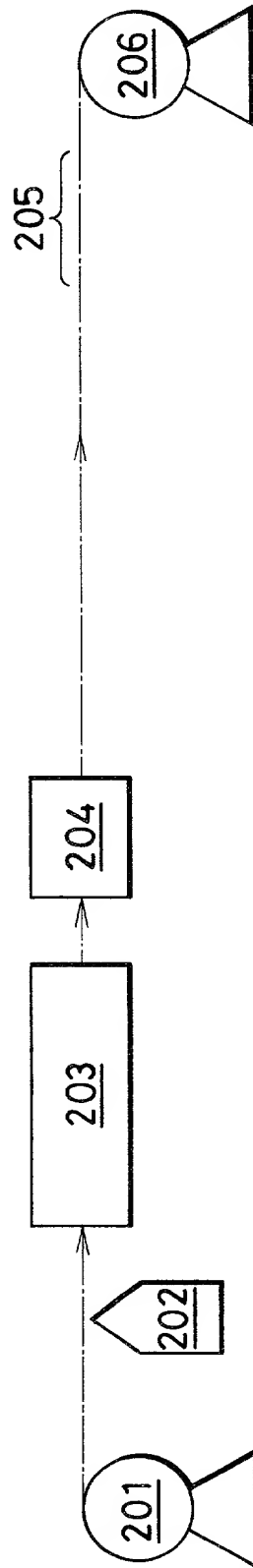


FIG. 17A

| | | Comp. Ex. 6 | Comp. Ex. 7 |
|------------------------------|------------------------------------|-------------|--------------------|
| Dry Removal of Dust | | None | None |
| Wet Removal of Dust | Polishing | Wire Bar | Rubber Roll |
| | Circulating Flow (liter/min) | None | 30 |
| | Ultrasonic Waves | None | On |
| | Pressure (N/m) | None | None |
| Drying With Blow | | None | None |
| Non-contact Feeding | | None | None |
| 3µm Particles (Per m) | 50 m | 203 | 42 |
| | 3,000 m | 259 | 56 |
| 10µm Particles (Per m) | 50 m | 69 | 16 |
| | 3,000 m | 81 | 20 |
| Scratches | | Numerous | Locally Existed |

FIG. 17B

| | | Comp. Ex. 8a | Comp. Ex. 8b | Sample 5a | Sample 5b |
|-----------------------------------|---|--------------------|-----------------|----------------|----------------|
| Dry Removal of Dust | | Existed | Existed | Existed | Existed |
| Wet Removal of Dust | Polish- ing | Rubber Roll | Rubber Roll | Rubber Roll | Rubber Roll |
| | Circu- lating Flow (liter/ min) | 30 | 30 | 30 | 30 |
| | Ultra- sonic Waves | On | On | On | On |
| | Pressure (N/m) | None | None | 9.8 | 19.6 |
| Drying With Blow | | None | Existed | Existed | Existed |
| Non-contact Feeding | | None | Existed | Existed | Existed |
| 3µm Parti- cles (Per m) | 50 m | 25 | 22 | 5 | 1 |
| | 3,000 m | 29 | 26 | 7 | 1 |
| 10µm Parti- cles (Per m) | 50 m | 6 | 2 | 1 | 1 |
| | 3,000 m | 7 | 1 | 1 | 0 |
| Scratches | | Locally Existed | None | None | None |

FIG. 18
(PRIOR ART)

